

FEBRUARY

at the

CALIFORNIA ACADEMY OF SCIENCES

FEBRUARY MEETING

Date: Tuesday, February 25, 8:15 p.m.
Place: Morrison Auditorium
Speaker: Emerson Scott
Subject: "PIKA COUNTRY"

Pika Country, so-called because of the furry little rabbit-like pika which inhabits the territory, covers that area of the U.S. from central California northward to the Canadian border, and from central Colorado westward to the Pacific Ocean.

The San Juan mountains of western Colorado, the Continental Divide, the back country of Glacier National Park and Jackson Hole - all are recorded by Mr. Scott's camera. We find weasels, grizzly bears, coyotes, antelope, elk and moose. Also, trumpeter swans, ducks and geese - presented against the natural beauty of western America.

For a number of years, Mr. Scott has been engaged in the enviable occupations of traveling, photographing and lecturing. He has made previous appearances before the Academy membership.

MORRISON PLANETARIUM

February 5 through March 1: "PLANETARIUM ON PARADE". A surprising look behind the scenes at the amazing equipment which makes a sky show possible, a repeat of one of the Planetarium's most popular presentations.

Performances daily at 3:30, with evening performances Wednesday through Sunday at 8:30. Extra matinees Saturday and Sunday at 2:00. The Planetarium is closed on Monday and Tuesday evenings. Admission: Adults, 75¢. Juniors, 40¢.

SPECIAL EXHIBITS

Exhibit of the Month: "COELACANTH" from the Academy collections. Main Foyer, Science Museum.

"THE ALASKAN SEA OTTER", photographs by Karl W. Kenyon, continues through February 15 in Lovell White Hall.

Beginning Monday February 24: "SWEDISH INVENTIONS AND OTHER SCIENTIFIC ADVANCES". At 10:00 a.m. on opening day the Academy will be host to Prince Bertil of Sweden.

The public is cordially invited as part of the celebration of San Francisco's Sweden Week.

This exhibit will continue through March 22.

"SCIENCE IN ACTION"

Thursday nights, 7:30 p.m., KTVU-TV, Channel 2.

- February 6: "THE KIDNEY", with Guest scientist Malcolm A. Holliday, M.D., Director of Medicine and Research, Children's Hospital, Oakland.
- February 13: "BIOLOGICAL CLOCKS", with Dr. William Hamilton, California Academy of Sciences.
- February 20: "TEKTITES", with Dr. Dean R. Chapman and Howard K. Larson, Ames Research Center, NASA.
- February 27: "THE NOBEL PRIZE", with Dr. Linus Pauling, Nobel Prize Winner for Chemistry, 1954, and Nobel Peace Prize Winner, 1962.

NEWS and NOTES

Friends of the late Alice Eastwood, famed botanist at the Academy for over a half-century, continue to both surprise and please everyone concerned with gifts and bequests in her memory for a furtherance of research in the field of botany.

The most recent such surprise came in the form of a bequest for botanical research from the estate of Mr. William Franklin Herrin and his daughter, Alice. At the time of his death in the late twenties, Mr. Herrin, for many years Chief Counsel for Southern Pacific Company, made a gift of his valuable botanical library to the Academy. It was not known at the time that he had further remembered the Department of Botany by creating trust funds for the benefit of his daughter which subsequently, on her death, would accrue to the California Academy of Sciences. Miss Herrin died in Maryland in the summer of 1963. Then it became known that she too had made an additional gift to the botany department, the total gift now amounting to \$37,500.

Mr. Herrin, a long-term friend of Miss Eastwood whose 105th birthday would have been celebrated January 19, was interested in both wild and cultivated plants.

On Wednesday January 8, the Academy was host to some 60 scientists who had convened in San Francisco for the Galapagos International Scientific Project (See NEWSLETTER, December 1963). Their meeting at the Academy was part of the symposium which preceded the embarkation for the Galapagos on January 10.

While at the Academy, the distinguished company inspected the world-famous Galapagos collections housed in the various departments. The Project, sponsored jointly by University of California Extension and the Academy and financed by the National Science Foundation, has the full cooperation of the Government of Ecuador to whom the islands belong.

Gladys L. Smith, Technical Assistant in the Botany Department, is the author of "Flowers and Ferns of Muir Woods" published recently by the Muir Woods Natural History Association in cooperation with the National Park Service and the Academy. Mrs. Smith's book, 32 pages in length and illustrated generously with drawings and photographs, is for sale at the Academy sales desks. Price: \$1.00.

Dr. Charles R. Stasek, formerly associated with the Scripps Institution of Oceanography, has joined the staff as Research Biologist in the Department of Invertebrate Zoology. Dr. Stasek's principal area of scientific research relates to the morphology of bivalved mollusks. His appointment was made possible by a grant to the Department from the National Science Foundation.

New and interesting material from remote corners of the world is being incorporated in the collections of the Department of Herpetology. On an exchange basis, the Department now has a fine collection of lizards from the Trans-Caspian area of Europe, an addition made possible by the Academy of Sciences in Leningrad; amphibians from the Museo Civico di Storia Naturale in Genoa, Italy; and a representative collection of reptiles and amphibians from the island of Bouganville, largest of the Solomon Islands. This last came through exchange with the Museum of Comparative Zoology, Harvard College.

From the Academy Collections



"How long will these plant specimens last?" is one of the most frequent questions asked by visitors who are seeing for the first time research materials in the Herbarium of the Academy's Botany Department; and we reply "Forever...provided they are properly cared for." And then we explain that to preserve pressed herbarium specimens it is necessary to keep them in a dry place and to protect them from the ravages of certain insects that use the plant material for food.

The oldest dried and pressed plant specimens in the Academy are in what we fondly call "The old Swedish Herbarium", a collection made by Anders Beckman in Sweden and dated 1752. Even after more than two centuries, many of his plants are well-preserved and recognizable. They are mounted in a book-like album of 121 pages, 8 inches long and 6-1/2 inches wide, and they carry Latin designations that seem strange to us because the names pre-date the scientific botanical nomenclature established by Linnaeus in 1753.

Although any collection of dried pressed plants that is systematically filed and kept for reference might be called an herbarium, styles have changed in the organization of these plant materials. Whereas it was the fashion to put the plants into bound volumes two hundred years ago, now specimens in botanical museums everywhere are mounted on special loose sheets of paper that are shelved in cabinets.

The Beckman Herbarium was a gift to the Academy from Mrs. H.P. Bracelin of Berkeley who had received it from Sara Beckman, a descendant of Anders. It will be on display in the Alice Eastwood Hall of Botany during the months of February and March.

(Photo by Toshio Asaeda, CAS) John Thomas Howell

NEW MEMBERS OF THE ACADEMY

Regular Membership

Mrs. C.L. Abbott
Brother Wendall Adam
Mr. Michael Adams
Mr. Ben Alsop
Mrs. Ann Astill
Miss Florence L. Bailey
Mr. John Ballyk
Mr. R.C. Beebee
Miss Jean M. Bengtson
Miss Barbara Ann Bird
Mr. A.F. Bobb
Mr. William F. Bort, Jr.
Mr. Robert L. Bressler
Miss Cecelia Brown
Mr. Harold G. Brown
Mr. Otis G. Brun
Mrs. Victor U. Buenzle
Mrs. Edward C. Bull
Mr. Corwin Butterworth
Mr. T.R. Byington
Miss Marie Carlberg
Miss Marjorie Carlson
Mr. Stanley H. Chin
Mr. Dana Kent Clark
Mr. Hayden C. Clement
Mr. Clarence H. Dawson
Miss Margaret Deane
Mr. Kennett D. Dempster
Mr. Joe Dietrich IV
Dr. Charles L. Dimmler, Jr.
Mr. Ralph R. Edwards
Mrs. Fay Evitt
Mr. Edward T. Evans
Mr. John E. Evans
Mr. Benjamin Fong
Miss Janet I. Franzman
Mr. William Freeman
Mr. Richard P. Gabriel
Miss Anita Giacomelli
Miss Mary Beth Glendening
Mr. Harold Gregg
Mr. S. Edward Hall
Mrs. Laura Jean Hammock
Mr. Art Haseltine
Miss Patricia L. Haucke
Mrs. G.W. Havner
Mrs. Pauline F. Hedden
Mr. Julian M. Hirsch
Rev. Leopold Hoffer
Mr. Ted M. Hopes
Mrs. Doris E. Housman

Mr. William A. Klem
Miss Beryl Knauth
Mrs. Horace R. Laughlin
Mr. T.H. Lawrence
Mr. Kenneth P. Letsch
Dr. Stephen H. Levin
Mr. Bob Lewental
Mr. Francis G. Leydet
Mr. Fred Machetanz
Mr. Leslie Mayne
Mr. John W. McConnell
Miss Louise C. Million
Mr. Robert Morrissey
Dr. Allen T. Moss
Mr. E.W. Mudge, Jr.
Miss Martha L. Muller
Mr. William H. Nakano
Miss Muriel Nullmeyer
Mr. Albert G. Oertel
Mr. Bulent S. Oklar
Miss Rita V. O'Neill
Mr. William D. Patterson
Miss June G. Pattullo
Miss Jan Paul
Mr. Carl Petterson
Mr. Dean Payne Phillips
Mr. Wilson Plank
Mr. Galen B. Rathbun
Miss Anna P. Ray
Mr. A.D. Reed
Mr. James Harry Reich
Mr. C.H. Roche
Mr. R.J. Roe
Miss Alice I. Russell
Mr. Sean Ryan
Mr. Patrick Rygh
Mr. Fernando Salcedo
Mr. Bernard J. Savino
Dr. W.J. Sayer
Mr. William F. Schosser
Mr. C. Emlen Scott
Miss Barbara Seiberlich
Mr. Mark L. Sinnicks
Sister Angela Mary
Mr. Myron Smith
Mrs. Lucille W. Snowden
Dr. Frank A. Solomon, Jr.
Miss Alice Sorensen
Mr. Robert A. Stewart
Mr. Paul L. Stunz
Mrs. Nanette D. Sullivan

Mr. Steven P. Jensen
Dr. William E. Jensen
Mr. Francis T. Jones
Mr. Weldon E. Jones
Dr. Earl L. Jorgensen
Mr. Joseph R. Kearns
Mr. J. Robert Keller
Prof. Ralph H. Kellogg
Mr. Frank E. Kiler
Dr. H. Stewart Kimball
Mrs. Hal Kipp
Mr. Jack M. Zaninovich
Mrs. Margaret P. Zemurray
Mr. Roland W. Zimmerman

Mrs. Robert L. Taylor
Miss Louise Thompson
Mr. Allen W. Waldo
Dr. William F. Warren
Mr. Carl L. Weidert, III
Mr. Erich Wellington
Miss M. Caroline Wells
Mr. H.O. Whitacre
Mrs. Rita Whitmore
Mr. Roland Wilhelmy
Mrs. John Winn

Family Membership

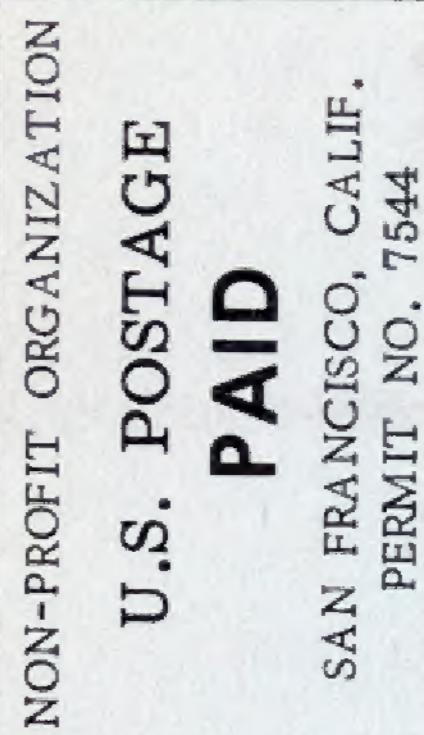
Dr. Arthur Ablin
Miss Violet L. Aitel
Mr. Eugene A. Anderson
Mr. Paul E. Anderson
Mr. & Mrs. Wm. T. Beeman
Mr. & Mrs. M.W. Clapper
Mr. & Mrs. Milton Cohen
Mr. & Mrs. Hobart W. Croft
Mr. & Mrs. Jay C. Crotty
Dr. & Mrs. L.S. Deacon
Mr. & Mrs. El L. Dietz
Mr. Ernest L. Dobson
Mr. Walter J. Eklund
Mr. M.E. Etienne, Jr.
Mrs. Doris Fischer
Miss Laurie Fitzgerald
Mr. Milo S. Gates
Mr. & Mrs. A. George
Dr. & Mrs. H. Gibbons III
Mr. John Gilbert
Dr. & Mrs. V.G. Goutiere
Mr. Rowland J. Grant
Mr. W.A. Grant
Mrs. Louise H. Hagan
Mr. Steven L. Hart
Mr. Richard C. Hein
Mr. George G. Herzl
Mrs. Bonnie E. Hitchcock
Mrs. John Muir Jacobs
Mr. Emmet H. Jones
Mr. & Mrs. D.G. Keith
Mr. Edward C. Kern
Mr. F. Stuart Kuhn
Mr. Mark D. Larkin
Mr. Gregory Lines

Mr. & Mrs. R.G. Linford
Dr. H.W. Macomber
Mrs. Elizabeth Mallory
Mrs. & Mrs. C.H. Mandler
Miss Ingvild Marks
Mrs. Leslie Mello
Dr. & Mrs. L. Bruce Meyer
Mr. Alfred Mueller
Mr. W.S. McFadden
Mr. & Mrs. John R. Page
Mr. & Mrs. J.P. Ratcliff
Mr. & Mrs. W. Ratcliff
Dr. B.B. Roberson
Mr. & Mrs. Allan Rydman
Miss Barbara Savery
Dr. & Mrs. Carl F. Schmidt
Mr. Paul Schmidt
Mr. Daniel Schulz
Judge Raymond J. Sherwin
Mrs. Scott Sibary
Mr. Savid T. Styles
Mr. Jack J. Taylor
Mr. Rubin Tepper
Mr. Rex E. Thomas
Mr. H.E. Thompson
Mr. & Mrs. W. Topham
Mr. Donald Tryk
Mrs. L.H. Tryon
Mr. Gerald E. Turney
Mrs. William E. Ver Planck
Mr. Charles Vogel
Mrs. Mary Ruth Warner
Mr. Walter Edgar Weyman
Dr. & Mrs. Glenn H. Wyler
Miss Roberta B. Zacharias

Contributing Membership

Cactus and Succulent Society of California, Inc.

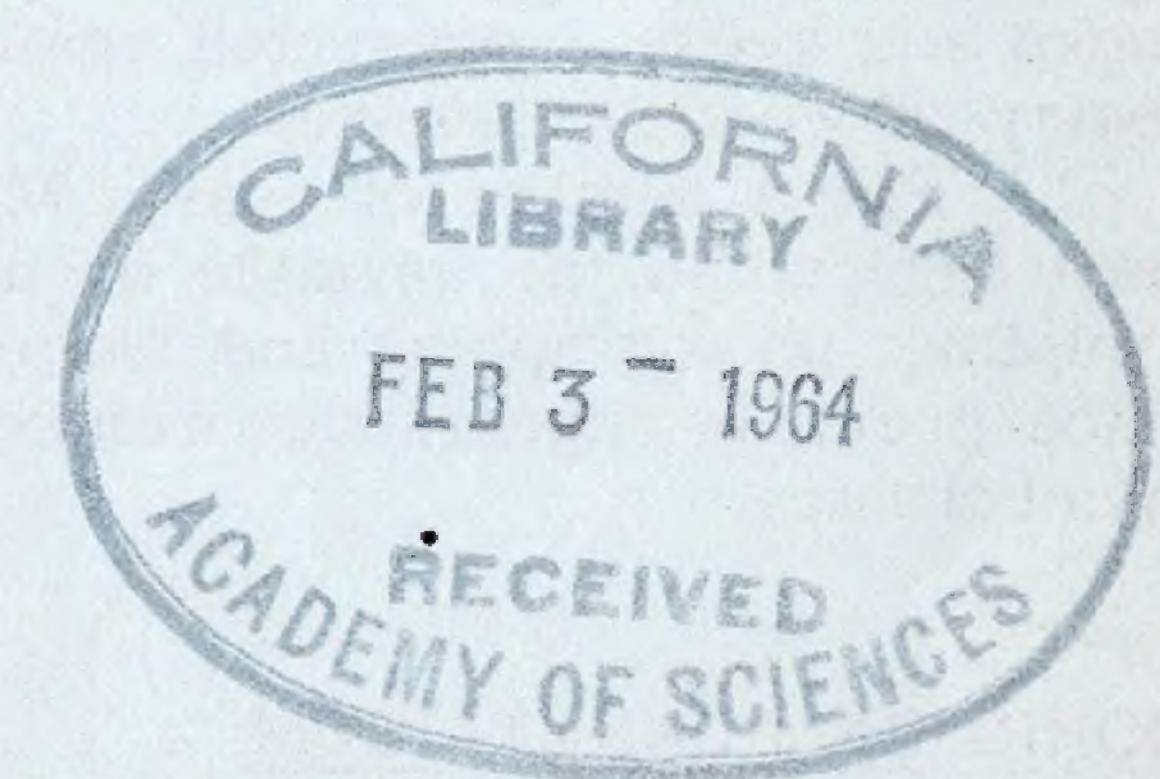
Mr. G.W. Secrist
Mr. W.S. Towne



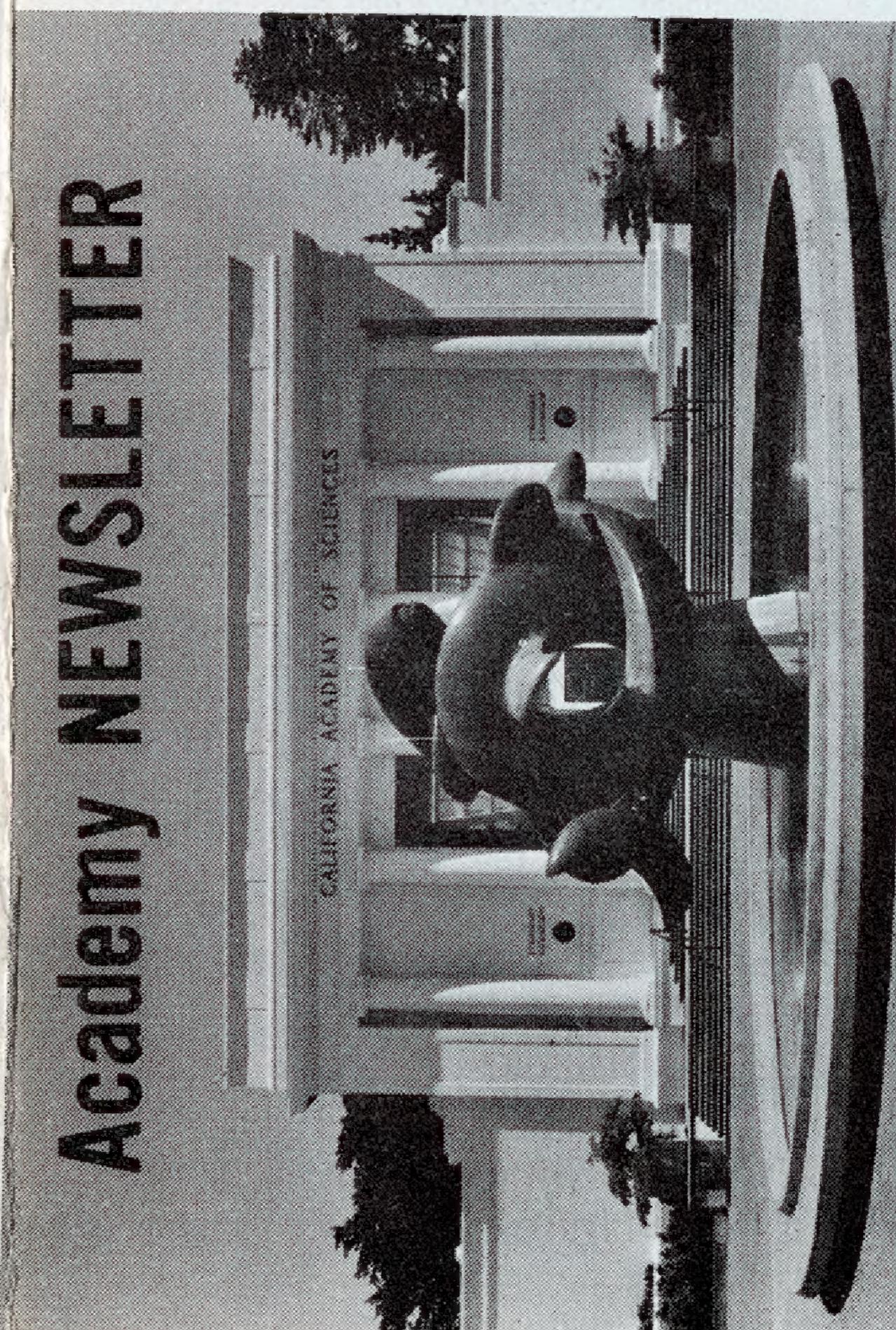
THE CALIFORNIA ACADEMY OF SCIENCES GOLDEN GATE PARK SAN FRANCISCO 18

Open every day of the year 10:00 a.m. to 5:00 p.m. - Admission Free

Ref.
Q 11
C 22
no. 290



Academy NEWSLETTER



No. 290 - Published Monthly by the
CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK
SAN FRANCISCO 18